

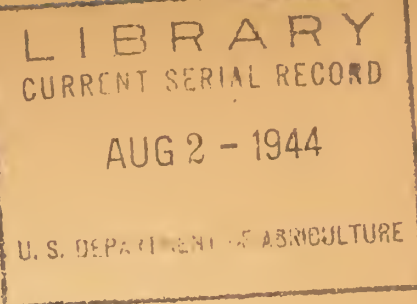
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# NEWSLETTER

FORT WORTH BRANCH  
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Vol. 3, No. 1

July 1944.

## PACKET LIBRARIES

Packets, consisting of a number of pamphlets, have been prepared on the following subjects:

Beef Cattle Feeding	Pastures
Community Organization	Poultry
Dairy Cattle Feeding	Rabbit Raising
Discussion Groups	Recreation
Farm Planning	Revegetation
Fish Ponds	Wildlife

Most of these pamphlets have been listed in Newsletters during the last two years, so many of you have seen some of them.

If you wish to have a packet on any of the above listed subjects, let us know and we shall be glad to send it. If you should prefer seeing a list of the contents of any packet first, we shall be glad send you the list. Also, if you should like to have a packet of pamphlets on any other subject, we shall be happy to prepare one for you. The packets may be kept from two to four weeks, according to the number of pamphlets in a packet and to the demand for it.

Perhaps you have more time for reading during the winter--if so, remember to ask for a packet then.

We also have another plan for packet libraries. We make up packets of two books and four bulletins and route these packets to several offices. The packet remains in an office for three weeks and is then sent on to the next office on the list. Some one in each office is responsible for keeping records on the use of the books and for sending the packet on to the next office. At present we have sixteen such packets circulating. If you should like for your office to receive such a packet every three weeks, please let us know and we shall include you in our next group of offices.

## SELECTED BOOKS AND BULLETINS

### Agricultural Engineering

"Making Quality Concrete for Farm Improvements." Portland Cement Association, 1942.

How to estimate materials needed, how to measure and proportion, mix and place concrete.

"Trench Silos--Lined With Concrete." Portland Cement Association, 1941.

How to reline an old trench silo and to build a new one lined with concrete.

Crop Production

ALFALFA, by J. F. Cox and C. R. Megee. Wiley, 1928. 60.3 C83

This volume was written primarily for the use of practicing farmers and students of vocational agriculture who desire to improve their ability in growing alfalfa and in utilizing this crop in the efficient management of the farm. The content of the chapters was selected from the point of view of bringing suggestions and directions for growing the crop which are based on an analysis of the findings of the experiment stations and on a generation or more of experience among successful farmers.

"A Brief Summary of Wheat Improvement Work in Oklahoma," by C. B. Cross and others. Oklahoma agri. expt. sta. Mimeo. Cir. M-100. May 1943.

CROP PRODUCTION UNDER SEMI-ARID CONDITIONS, by W. H. Leonard. 1934. 64 L552

A book of lectures prepared to give the student a better idea of crop production as influenced by irrigation, high altitude, and dryland conditions. (Mimeo.)

"Cropping Systems and Soil Fertility; Legume Rotations ...", by H. J. Harper and H. Murphy. Oklahoma agri. expt. sta. Mimeo. Cir. M121. May 1944.

FIELD CROPS AND LAND USE, by J. F. Cox and Lyman Jackson. Wiley, 1942. 64 C83F

"It is the purpose of this book dealing with crop production practices and land use methods to present the progress made to date in the great national program of efficient farming, agricultural adjustment, and conservation. ...Particular attention is given to the presentation of the new opportunities offered to farmers to improve methods of crop production and marketing and soil conservation by cooperating in the local programs of the State Extension Services and the many new action agencies authorized by Congress to improve agricultural opportunities and conserve our soil." The last half of the book deals with the various crops individually.

"Forage Production of Small Grain and Rye Grass," by Melvin D. Jones and others. Oklahoma agri. expt. sta. Mimeo. Cir. M-114. May 1944.

The relative forage production of twenty winter small grain varieties and Italian rye grass, and how forage and grain yields are affected by dates of clipping, 1943-1944.

"Growing Winter Legumes in Louisiana," by F. L. Davis and others. Louisiana agri. expt. sta. Bul. No. 318. June 1940.

Results of experiments in the use of winter legumes over a period of years.

THE LITTLE BOOK OF LESPEDEZA, by A. J. Pieters. 1934. 60.3 P61

A fascinating little book containing chapters entitled: Family relationships, Names; Uses of lespedeza; Culture and varieties; Seed and seed production; Lespedeza sericea; Other perennial lespedezas.

"Oklahoma Farm Wheat Improvement Program," by R. M. Oswalt. Okla. agri. expt. sta. Mimeo. Cir. M-116. May 1944.

Gives data on twelve pure varieties of wheat planted in test plots in Oklahoma and a list of farm wheat improvement program locations, 1943-44.

"A Pasture Calendar for Central and Eastern Oklahoma."

"A Pasture Calendar for Northeastern Oklahoma."

"A Pasture Calendar for Western Oklahoma."



These pasture calendars by Hi W. Staten of Oklahoma agri. expt. sta. were drawn for the purpose of giving farmers suggestions in building a pasture program which will provide maximum grazing throughout the year. May 1944.

"Plant Small Grains This Fall." Arkansas ext. ser. Leaflet No. 58. 1943.

Brief discussion of seed bed preparation, best methods for seeding, drainage, use of fertilizer—followed by recommended varieties, time and rate of seeding of oats, barley, rye, and wheat in Arkansas.

"Small Grain Results," by C. B. Cross. Okla. agri. expt. sta. Mimeo. Cir. M-122. May 1944.

Some of the more fundamental cereal crop results, together with a brief discussion of outstanding features and varieties are presented in this bulletin.

"Winter Legumes for Nitrogen," by J. M. Weeks. Mississippi agri. ext. ser. Leaflet No. 31. August 1942.

Includes planting practices for bur clover, vetch, Austrian winter peas, wild winter peas, Persian clover, and crimson clover.

### Dairying

"How You Can Increase Milk Production," by Paul Carruth. Arkansas agri. ext. ser. Leaflet No. 61.

An eight point program for increasing milk production.

"Improved Milk Production in Small Herds," by M. J. Regan and E. T. Itschner. Missouri agri. ext. ser. Cir. No. 468. May 1942.

### Feeds and Feeding

"Optimum Protein Level for Pigs of Various Weights," by C. P. Thompson and J. C. Hillier. Oklahoma agri. expt. sta. Mimeo. Cir. No. 111. April 1944.

"Palatability Test of Winter Pasture Crops," by Hi W. Staten. May 1944. M-115.

"Producing Choice Finished Yearlings With A Maximum of Roughage and Grass and A Minimum of Grain," by Bruce R. Taylor. December 1943. M-105.

"Protein Supplements for Growing and Fattening Swine," by C. P. Thompson and J. C. Hillier. April 1944. M-110.

"Roughage, Grains and Protein Supplements for Fattening Lambs," by H. M. Briggs. No. 112. April 1944.

"Supplements for Fattening 2-Year-Old Steers on Bluestem Grass," by B. R. Taylor and C. S. Hobbs. No. M-102. September 1943.

"Two Levels of Wintering Choice Steer Calves and Their Effect on Subsequent Gains on Grass, and on Grass for 90 Days Followed by Full-Feeding," by B. R. Taylor. No. 126. April 1944.

"Utilizing Bluestem Grass in Maintaining the Commercial Cow Herd," by B. R. Taylor. No. 124. April 1944.

"The Value of a Mineral Supplement in Wintering 2-Year-Old Steers on Dry Bluestem Grass and 41% Soybean Cake," by B. R. Taylor. No. 123. April 1944.

The above circulars are all studies made by Oklahoma Agricultural Experiment Station.

OUR POLICY IS TO ENTER BOUND BOOKS IN CAPITALS AND BULLETINS ENCLOSED IN QUOTATION MARKS.

### Food Preservation

- "Community Canning Centers." Office of Distribution. USDA Misc. Pub. 544. 1944.  
How to set up and operate canning centers. Also canning techniques.
- "Freezing Meat and Poultry Products for Home Use." AWI-75. 1944.
- "Home Canning of Fruits and Vegetables." AWI-93. 1944.
- "Progress Report on Electric Dehydration Using a Ho-Made Dehydrator." Rural Electrification Administration. 1944.

### Gardening

- "Control of Aphids or Plant Lice in Gardens," by Dwight Isely and Charles Lincoln.  
Arkansas ext. ser. Cir. No. 360. 1944.
- "Irrigating the Home Garden," by A. S. Curry. New Mexico agri. expt. sta. Bul. No. 313. March 1944.
- "Victory Garden Insect Guide." AWI-95. May 1944.

### Harvesting and Storage of Crops

The bulletins listed below have been listed in previous issues of the Newsletter.

- "The Care and Operation of New Idea Farm Machines." New Idea farm equipment.  
Information on how to care for machinery given in this pamphlet can no doubt be applied to machinery made by other companies also. It includes instructions for caring for mowers, side delivery rake and tedder, hay loader, corn picker and sheller-elevator, and husker-shredder.
- "Development of Machinery for Harvesting and Storing Grass Silage," by "E. Besley and others. New Jersey agri. expt. sta. Bul. No. 689. 1941.
- "A Device to Assist in Mowing Kudzu." Alabama agri. expt. sta. Leaflet No. 16.
- "Harvesting Seed of Vetches, Winter Peas, Crimson Clover, Ryegrass," by Lawrence Jenkins. Oregon ext. ser. Bul. No. 597. June 1942.
- "Harvesting Soybeans." Iowa agri. ext. ser. Pam. No. 46. 1942.
- "Homemade Peanut Picker," by E. K. Rambo. Arkansas ext. ser. EP No. 2. 1942.
- "Homemade Potato Grader," by E. K. Rambo. Arkansas ext. ser. EP No. 4. 1943.
- "Homemade Storm and Storage Cellar," by E. K. Rambo. Arkansas ext. ser. EP No. 1.
- "How to Make a Bushel Crate," by L. M. Roehl. Cornell ext. Bul. No. 564. 1943.
- "How to Make a Thresher for Castor Beans," by J. B. Kelley. Kentucky agri. expt. sta. Cir. 53. 1942.
- "Inexpensive Methods for Storing Fruits and Vegetables," by E. K. Rambo and E. J. Allen. Arkansas ext. ser. EP. No. 3. 1942.
- "Soybean Storage," by C. H. Van Vlack. Iowa agri. ext. ser. Pam. No. 45. 1942.
- "A Study of the Newer Hay Harvesting Methods on Ohio Farms," by F. L. Morison. Ohio agri. expt. sta. Bul. No. 636. 1942.
- "Wartime Hay Baling," by Hobart Beresford. Idaho agri. ext. ser. War Circular No. 8. 1943.



## Labor

"Labor and Power Requirements for Crop and Livestock Production in Texas." Texas Agri. expt. sta. Progress Report No. 838. June 1943.

"The data included in this report are an attempt to provide the basic information required for computing labor demands. Both the annual requirements and the seasonal demands have been taken into consideration. For a given crop or livestock enterprise the total hours of labor required and the distribution of these hours by months are given."

## Poultry

"Common Diseases and Parasites of Poultry," by Rebecca Gifford and D. F. Eveleth. Arkansas ext. ser. Cir. No. 206. April 1944.

"Culling Poultry," by C. Ingram and W. Guidry. Louisiana agri. ext. ser. Timely Poultry Topics. 1942.

"Culling the Laying Flock," by R. E. Phillips. Maryland ext. ser. Bul. No. 96. 1942

"4-H Club Manual in Poultry," by Lawrence Morris. Arkansas extension service, Cir. No. 376. June 1944.

"Practical Poultry Feeding," by H. J. Davis. Louisiana agri. expt. sta. Cir. No. 28. 1942.

"Seasonal Selection of Hens for the Table Saves Meat and Feed," by R. G. Jaap. Oklahoma agri. expt. sta. Memo. Cir. No. M-101. 1943.

## Soil Conservation

"Dry Land Rotation and Tillage Experiments at the Akron (Colorado) Field Station," by J. F. Brandon and O. P. Mathews. USDA Cir. No. 700. May 1944.

This circular summarizes 30 years of experimental work at the Akron Field Station, operated in the west-central Great Plains.

"Thomas Jefferson, Soil Conservationist," by H. H. Bennett. USDA Misc. Pub. No. 548. April 1944.

## Water Supply and Sewage Disposal

"Concrete Structures for Farm Water Supply and Sewage Disposal." Portland Cement Association. 1942.

Well illustrated with pictures and with drawings of cross sections giving measurements.

"How To Protect the Water Supply." Portland Cement Association. 1940.

"It's a Pipe to Save Labor," by N. J. Radder. Reprint from SUCCESSFUL FARMER. 1942. Some how-to ideas on bringing a water supply up to date.

"Manufacture and Installation of Precast Concrete Septic Tanks and Protection of Water Supplies." Portland Cement Association. 1939.

"Pumping for Production," by N. J. Radder. Reprinted from SUCCESSFUL FARMING. 1943. Suggestions on how to keep pumping equipment going.

PUMPS, by F. A. Kristal and F. A. Annett. McGraw-Hill, 1940. 291 K89

This book deals with types, selection, installation, operation, and maintenance of pumps.

"Safe Sewage Disposal for Farm and Suburban Homes." Portland Cement Association.  
"Waterworks for Texas Farm Homes," by M. R. Bentley. Texas Agri. ext. ser. Bul.  
No. 67.

Some Articles You May Have Missed

"A Clover 'Worth Growing'," by D. G. Sturkie. Southern Seedsman, June 1944.  
p. 13f. (Manganese bur clover.)

"Fur From Farm Lands," by P. F. Allan. Soil Conservation, Pt.I, May 1944. p.256ff  
Pt. II, June 1944. p. 283ff.

"India Speaking." Annals of the American Academy of Political and Social Science,  
May 1944.  
Contains articles on political outlook, cultural background, population problems,  
economic conditions, industry and labor, finance and trade, and transportation in  
India.

"A Postwar Program for Irrigated Land Expansion," by J. W. Haw. Agricultural Engin-  
eering, April 1944. p. 142f.

"Some Leadership 'Do's'," by Ethel Bowers. Recreation, February 1944. p.593ff.  
Though these points are given for leadership in recreation, they are worth con-  
sidering and most of them can be applied to leadership of any type in any place.

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NOTE: The usual loan period for books is two weeks; for current periodicals, three  
days. Back issues of periodicals may be kept one week. Some books may be kept one  
month with privilege of renewal for one month. Any employee of the Department may  
borrow books or periodicals from this library. Your requests may be made under  
frank. Make requests on Form AD-245 in duplicate, using plain paper for duplicate.  
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or more may no longer be mailed under frank.

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